



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Sunday, October 7, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Slight risk area for severe thunderstorms with heavy rain across **NW OK** into **W TX** and **E NM**.
- Thunderstorms with heavy rain may lead to isolated flash flooding in **NW AR**.

Monday - Thursday

- Slight risk area for severe thunderstorms with heavy rain across **W TX** and **E NM** into **OK** and **N TX**.
- Moderate risk area for excessive rainfall across **NW TX/W OK** through Tuesday.

River Flood Status

- Moderate flooding continues on the **Nueces River**.

Tropical Outlook

- **TD #14** in the **Yucatan Channel** is moving north at 3 mph. A tropical storm should form in the next 24 hours...landfall as a hurricane is possible along the northern **Gulf Coast** by **Wednesday**. No impact expected to **FEMA Region 6**.

FEMA Region 6 Threat Matrix

Oct 7, 2018 – Oct 11, 2018



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms	SE NM/W TX	NW OK W TX/E NM	OK NTX		
	TX/OK/NW AR				
Heavy Rain / Flash Flooding	OK NW TX	OK NW TX	OK NTX		
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)	Nueces River (S TX)

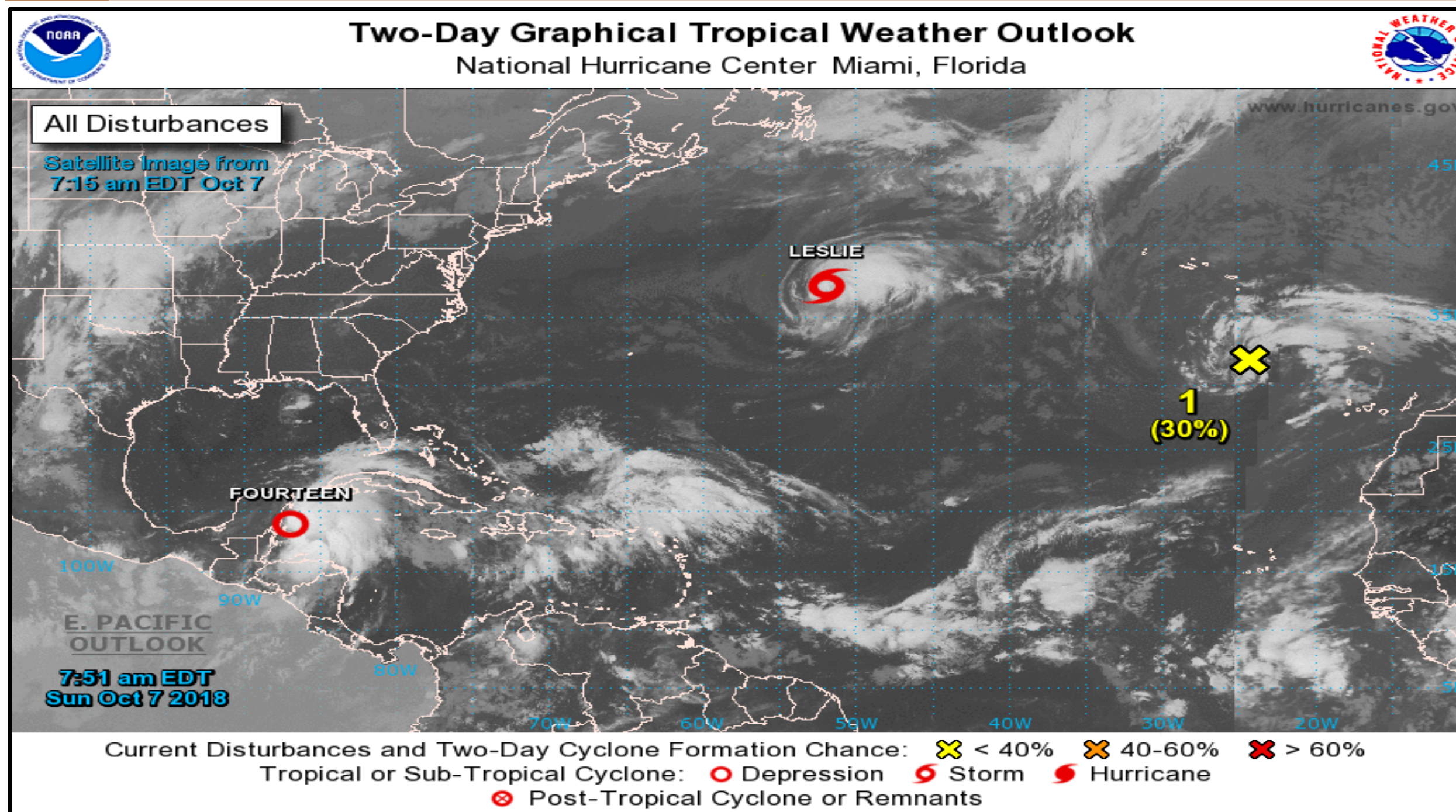
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

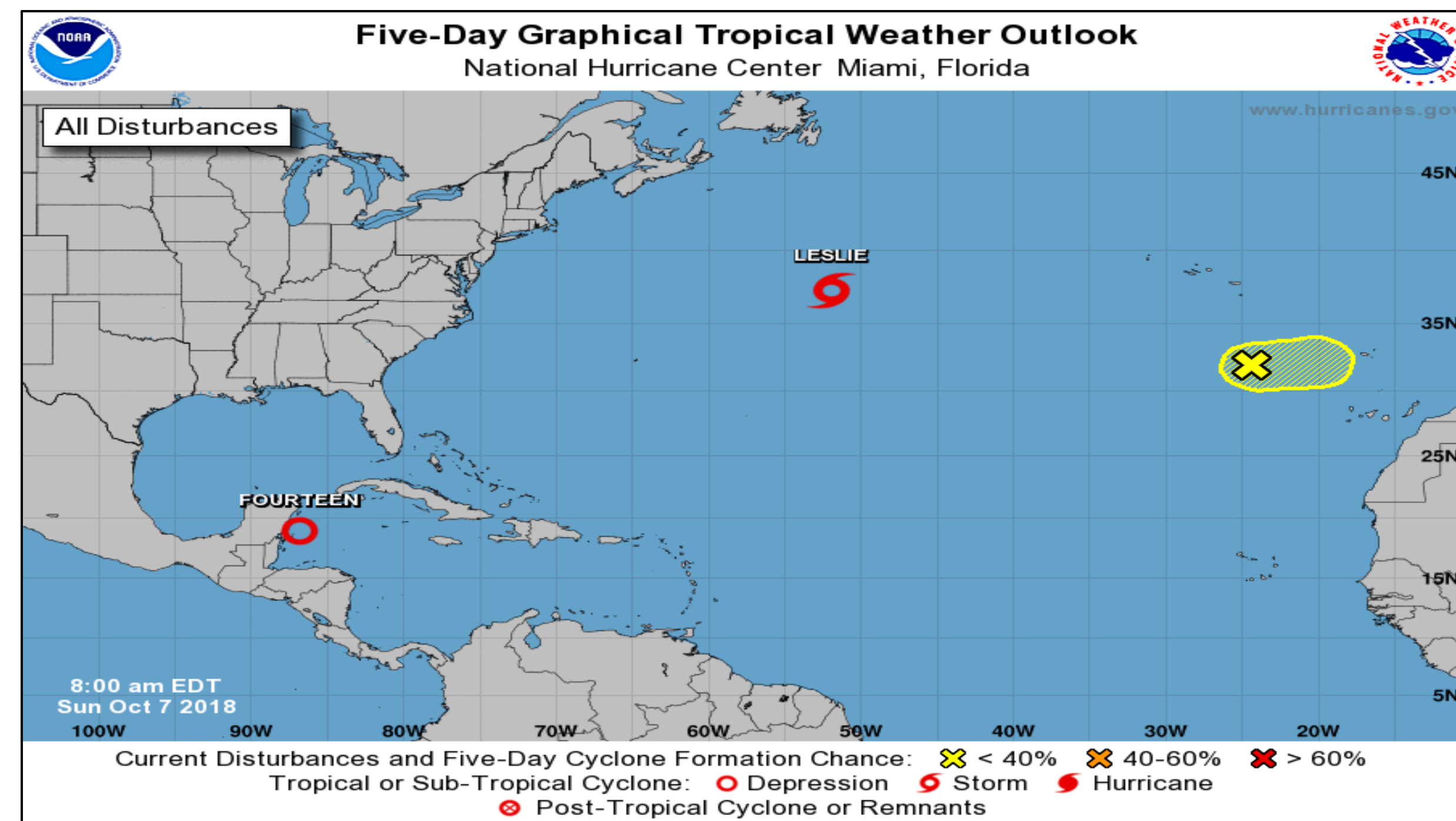
Tropical Weather Outlook – Atlantic/Gulf



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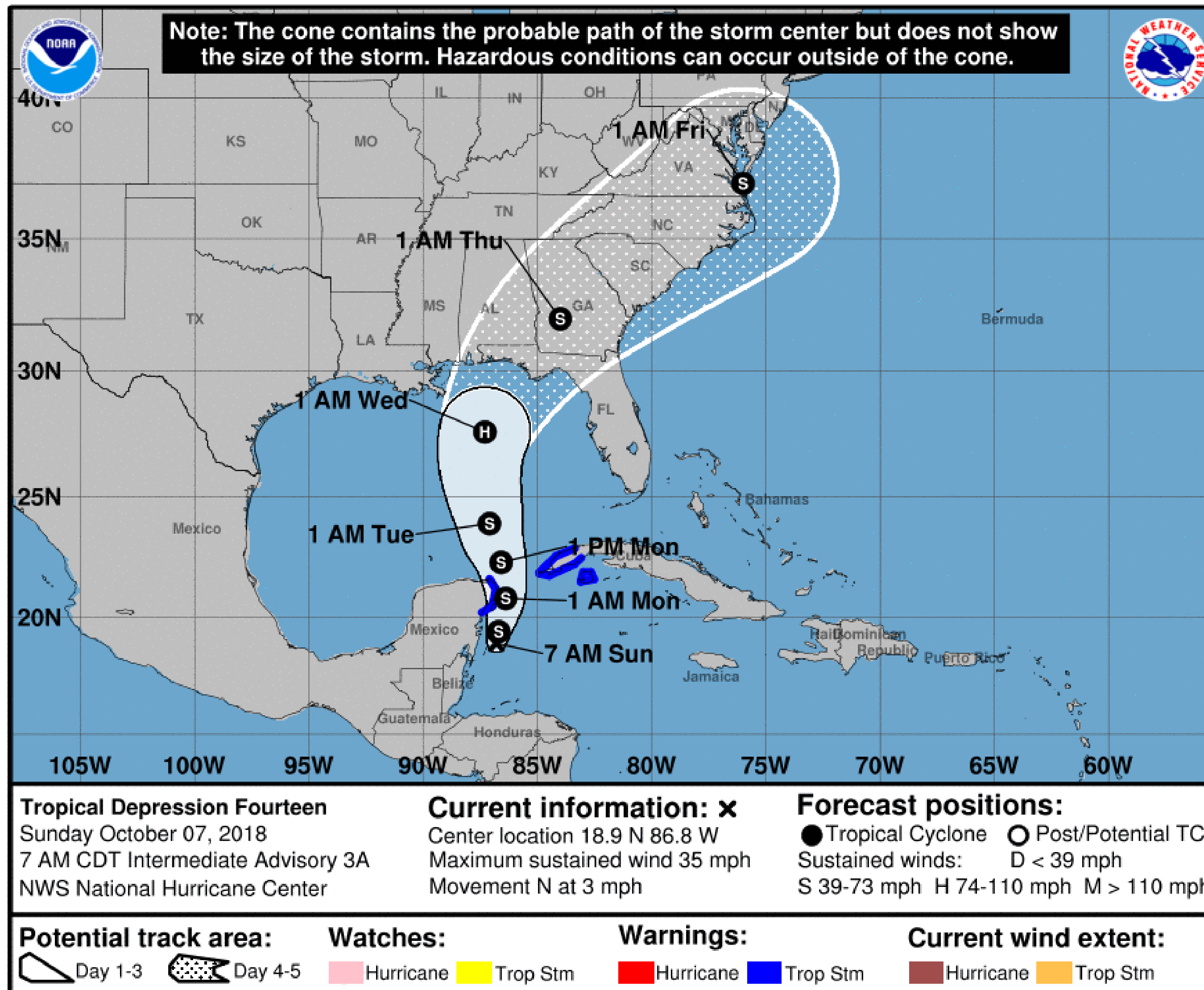
See next slide for forecast information on Hurricane Leslie and TD #14.



TD #14



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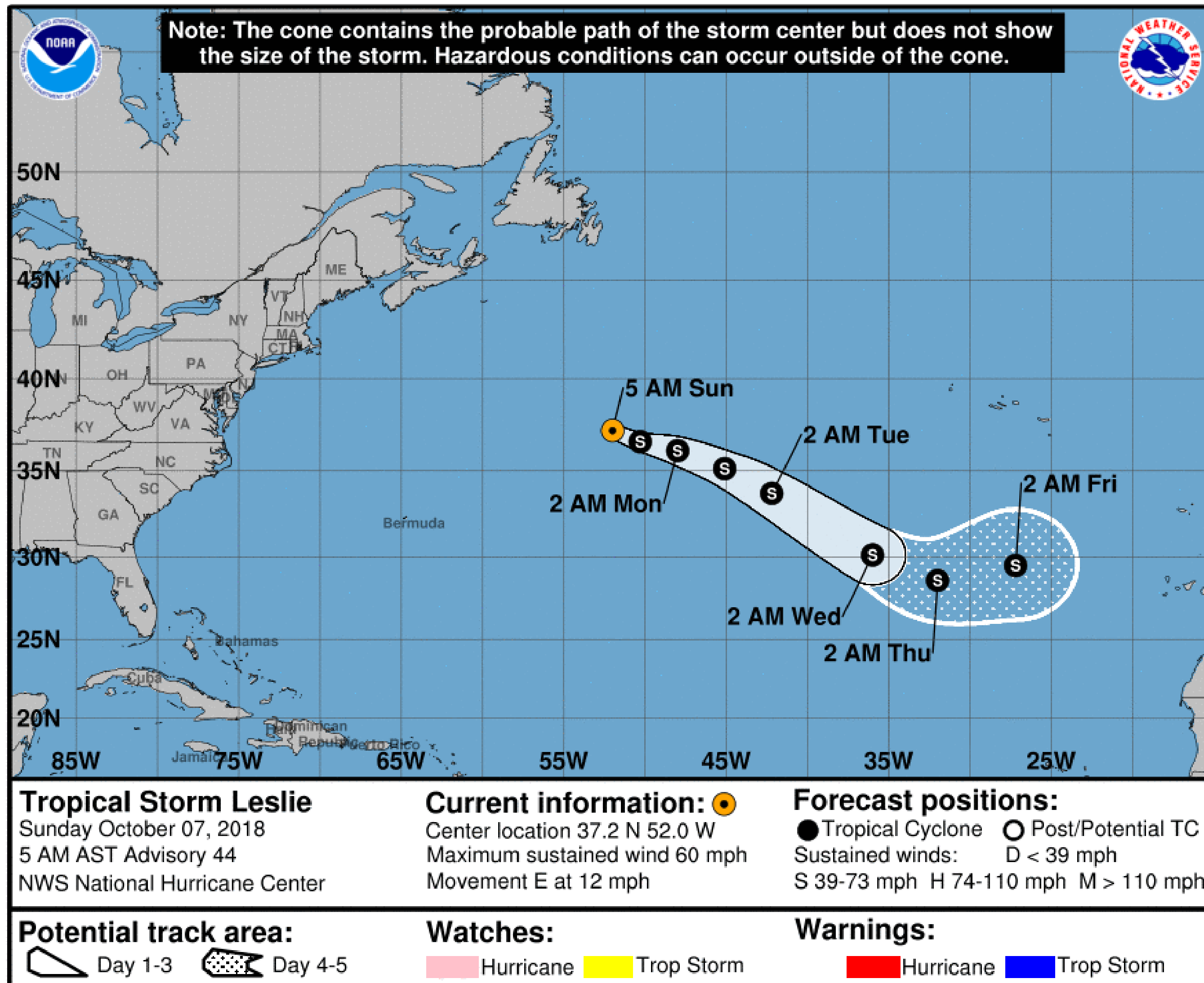
TD #14 is moving slowly north (3 mph) along the Yucatan Channel. TD #14 should continue strengthening and become Tropical Storm Michael in the next few days.

Landfall as a hurricane is possible along the northern Gulf Coast by Wednesday.

Hurricane Leslie



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Hurricane Leslie is expected to meander over the Central Atlantic for much of this week.

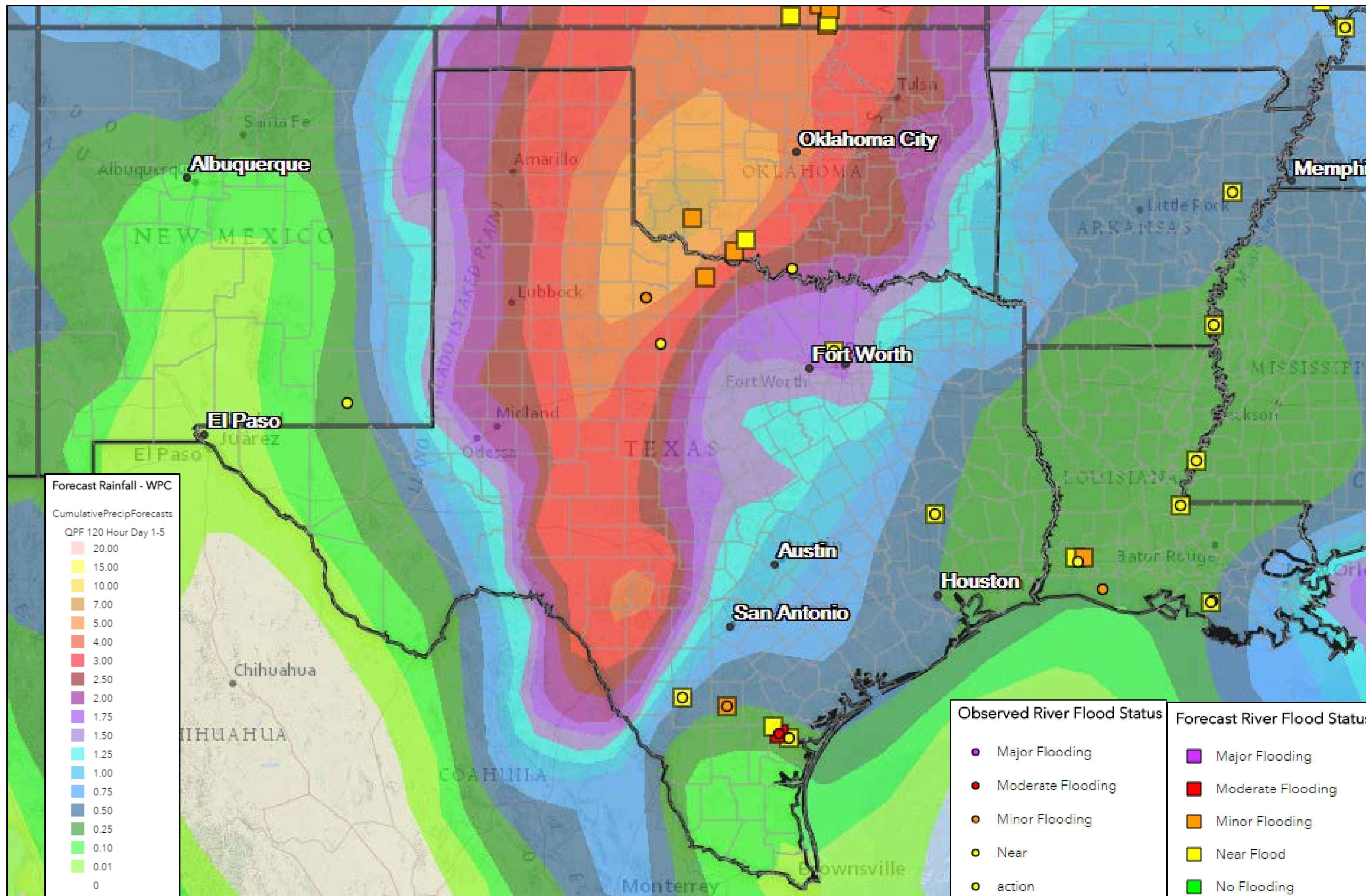
No impacts to FEMA 6 are expected.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate river flooding continues on the Nueces river.

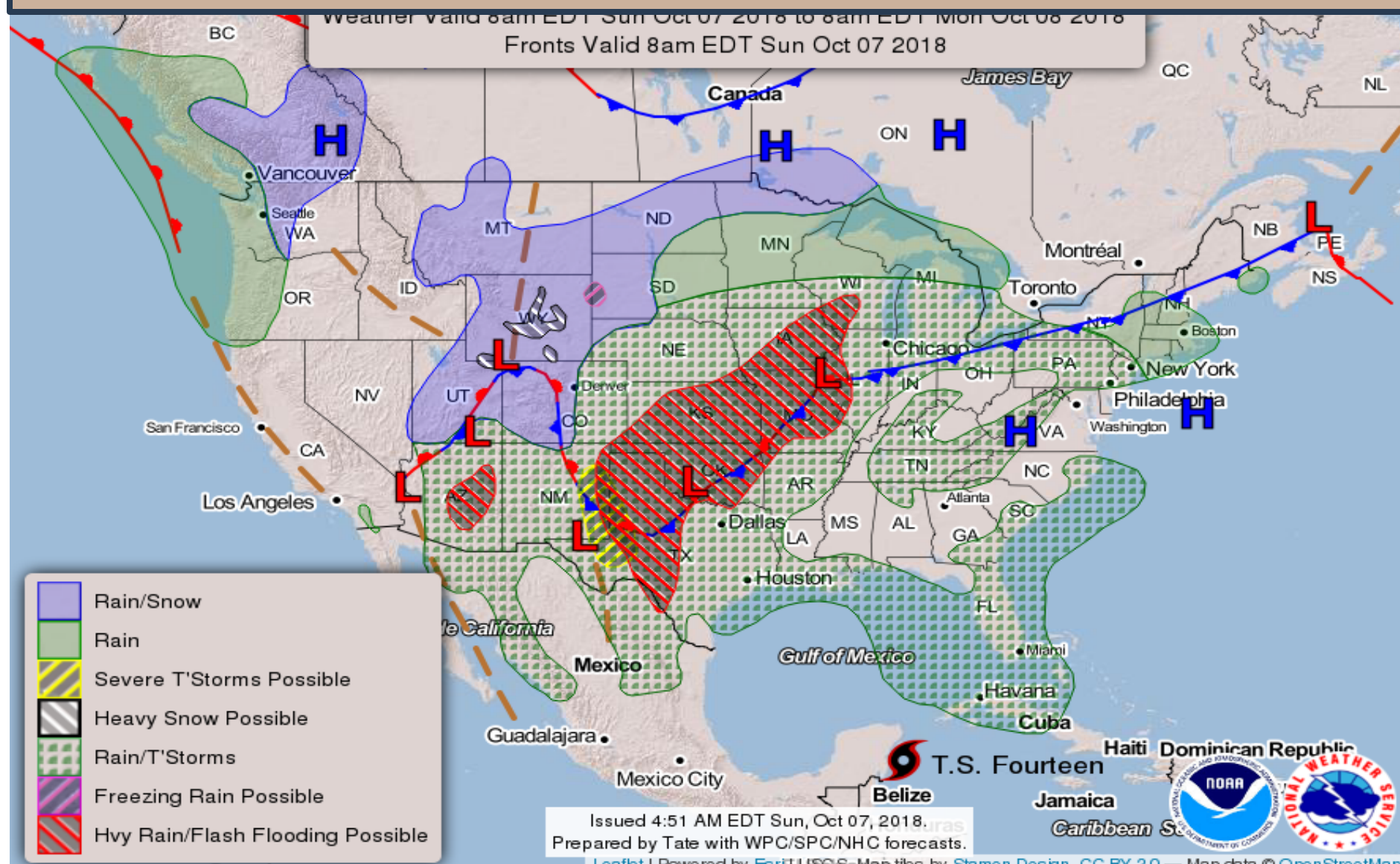
Minor flooding is expected across parts of OK into NWTX.

Today's Weather

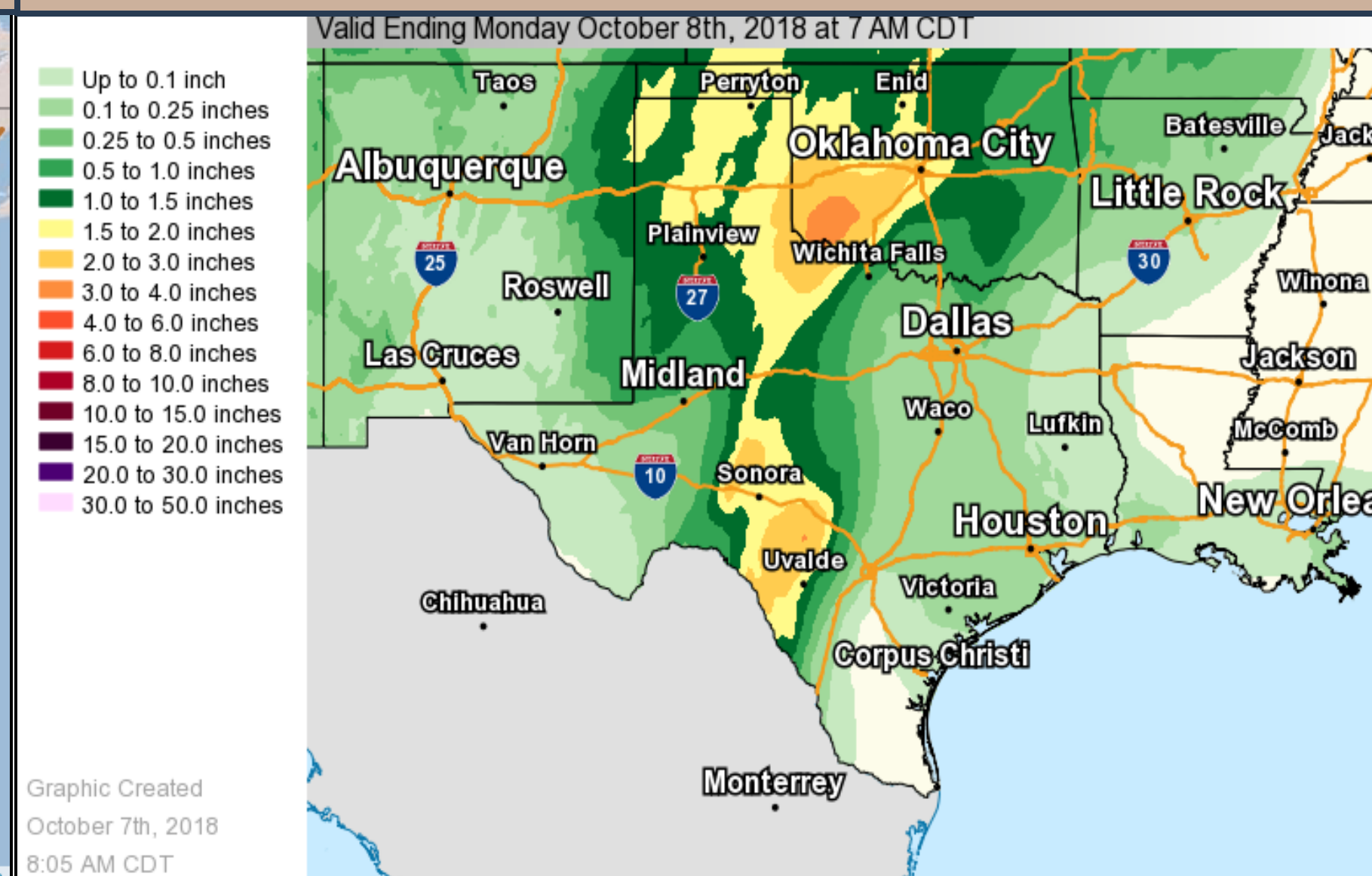


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Forecast Chart



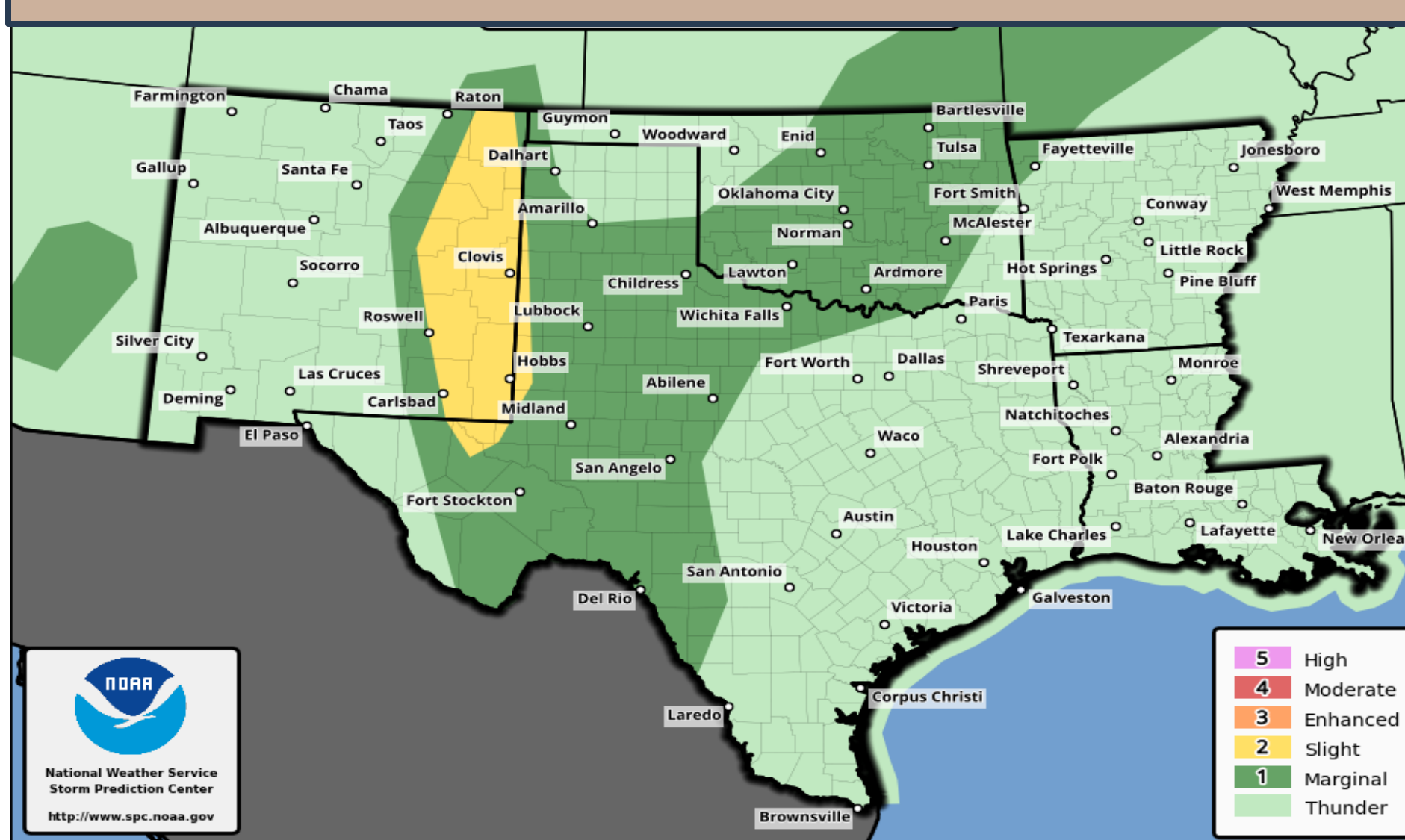
Forecast Rainfall



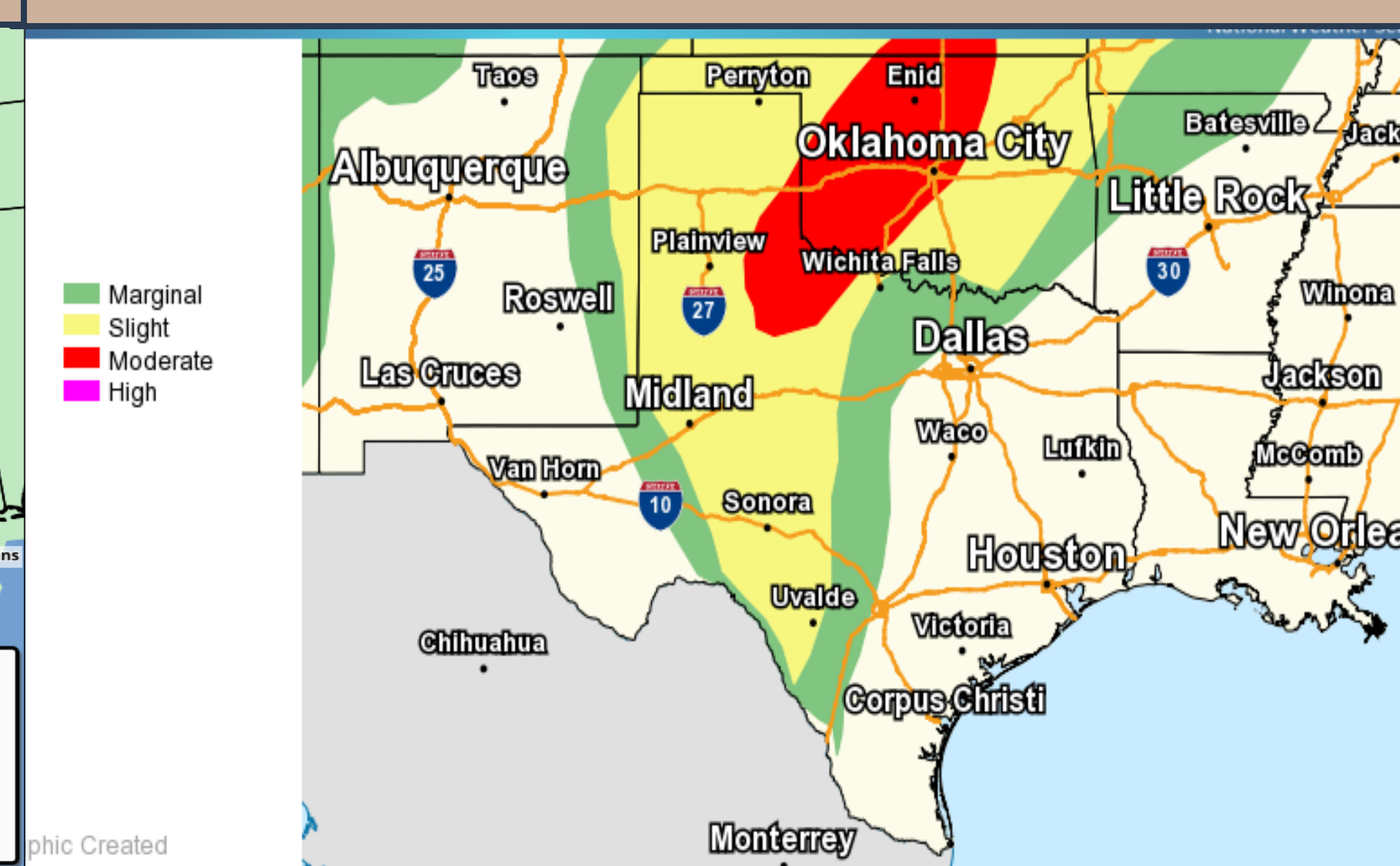
Slight risk area for severe thunderstorms across SE NM/W TX.

Moderate risk area for isolated heavy rain/flash flooding across OK into NW TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



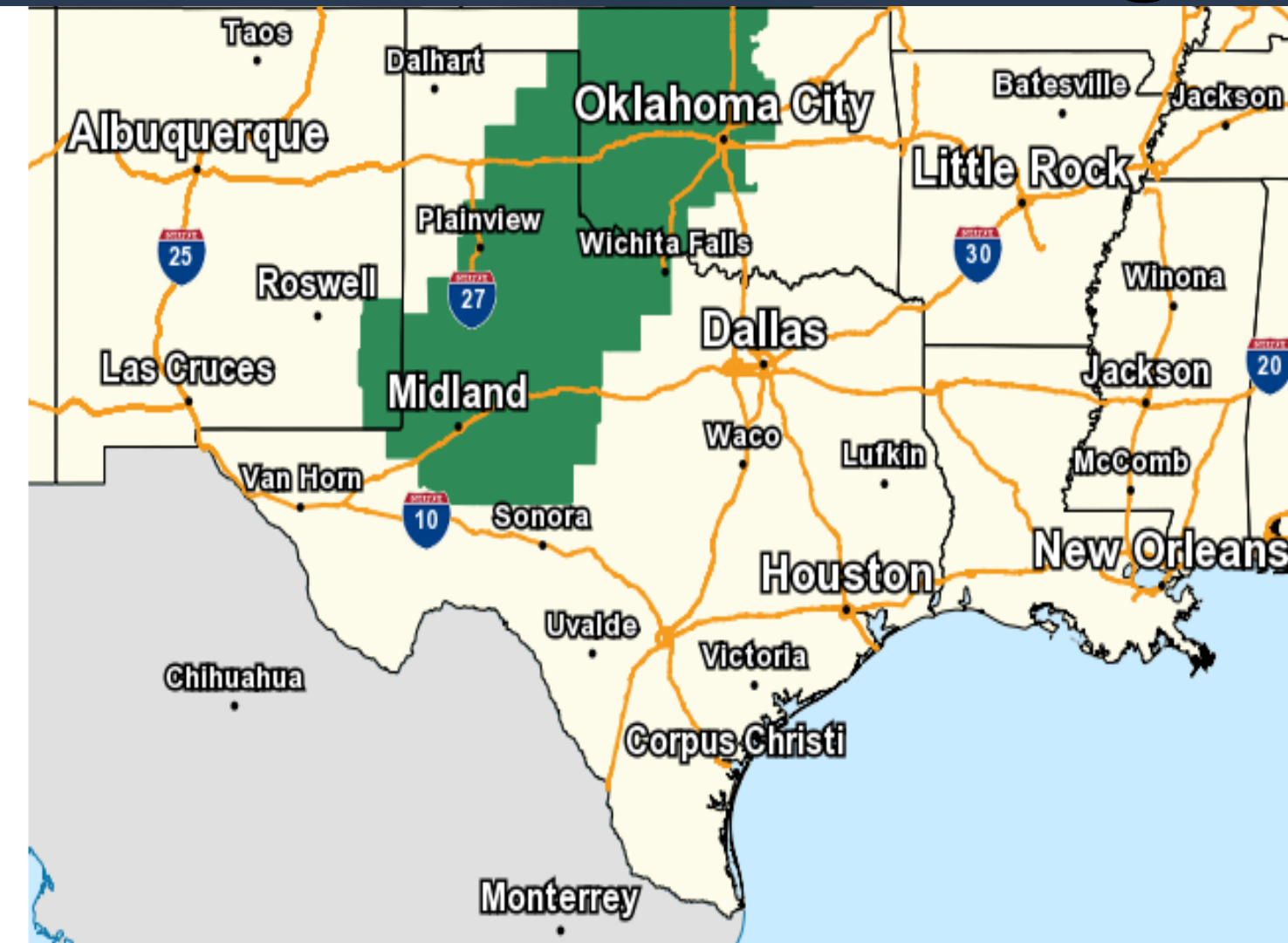
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Fire Weather



Graphic Created

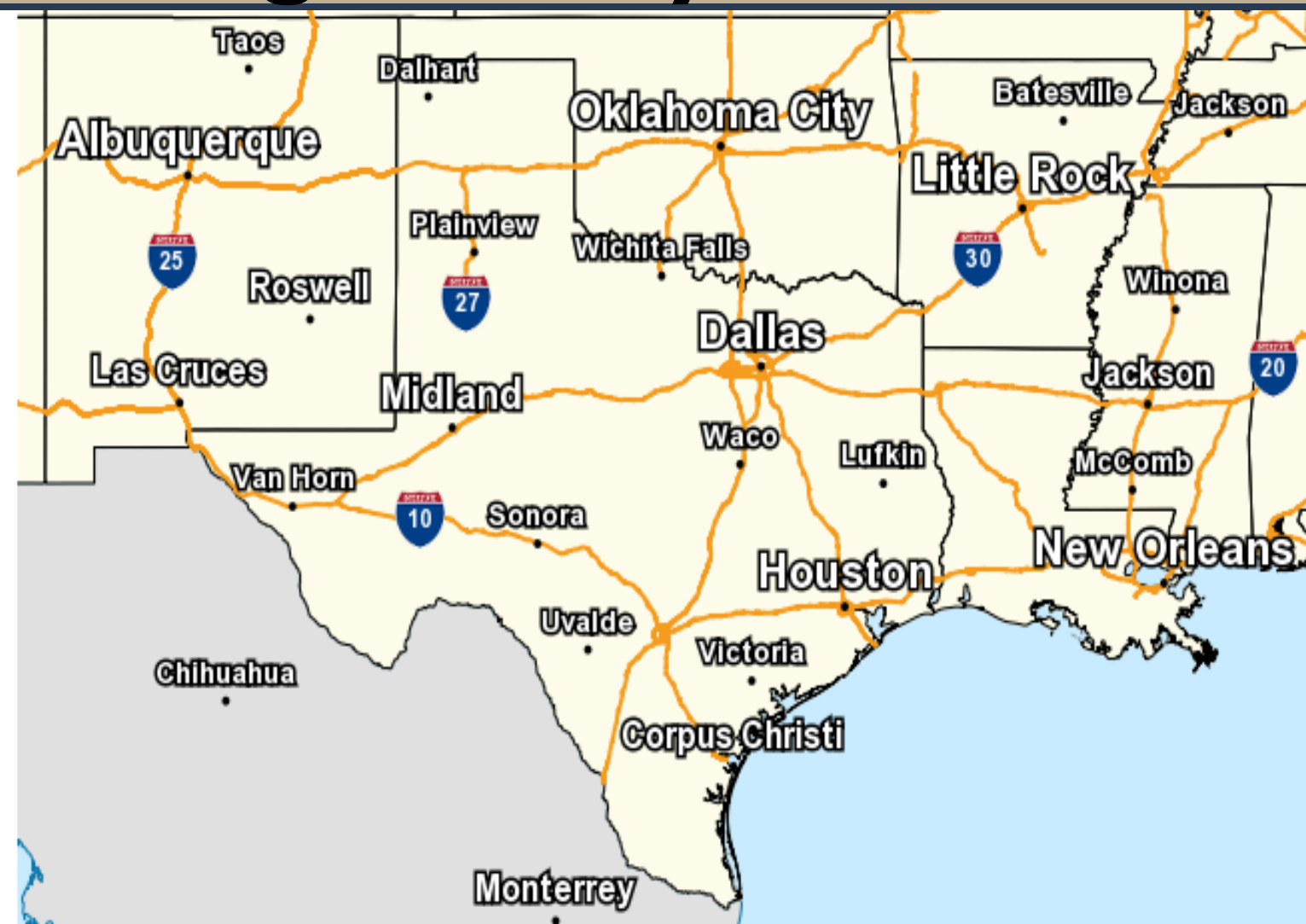
Severe Weather & Flooding



Graphic Created

Heavy rainfall will likely lead to the flash flooding across W TX into NW OK. Flood Watches are in effect for this region.

Strong & Gusty Winds



Graphic Created

Winter Weather



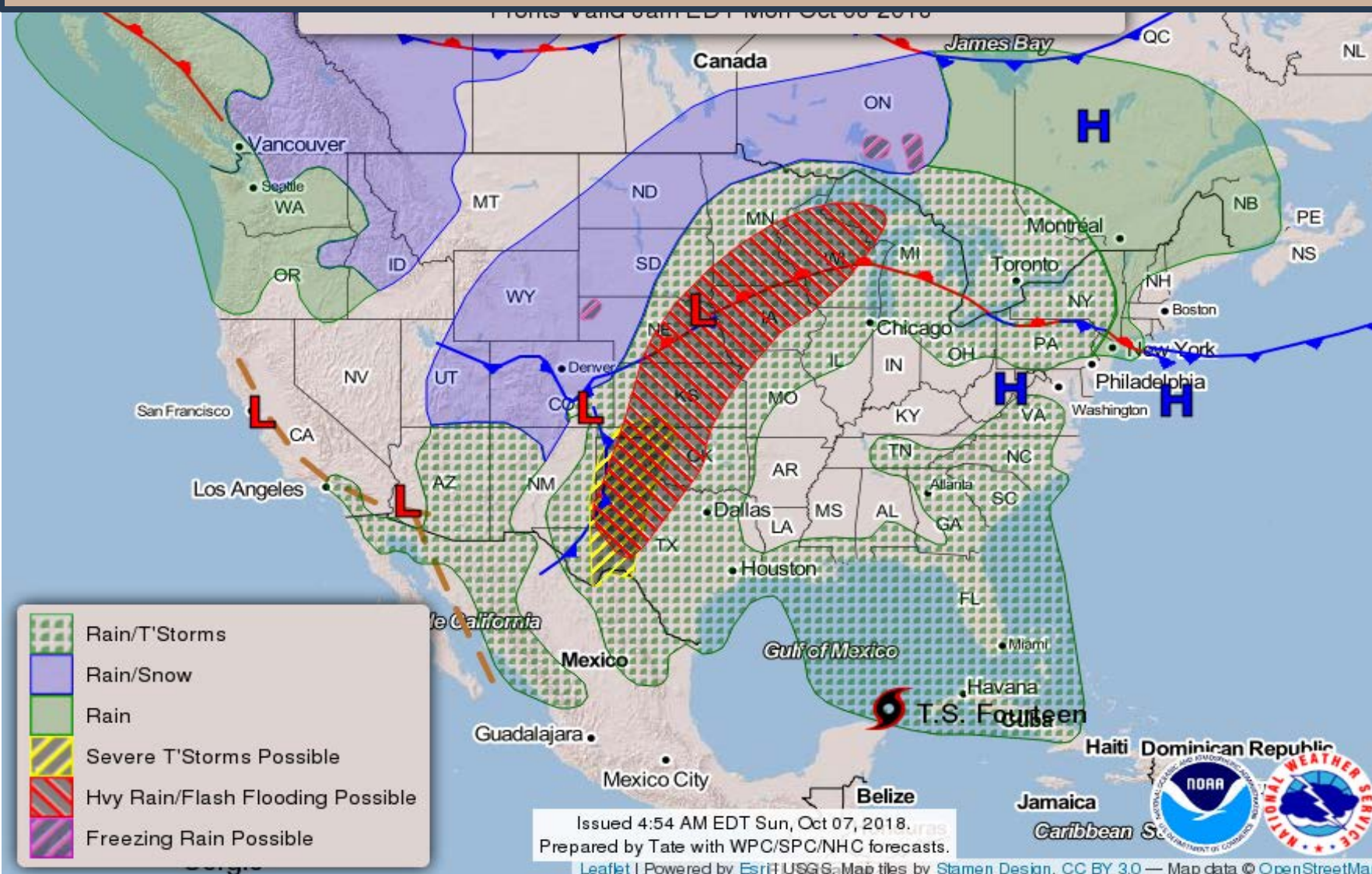
Graphic Created

Tomorrow's Weather

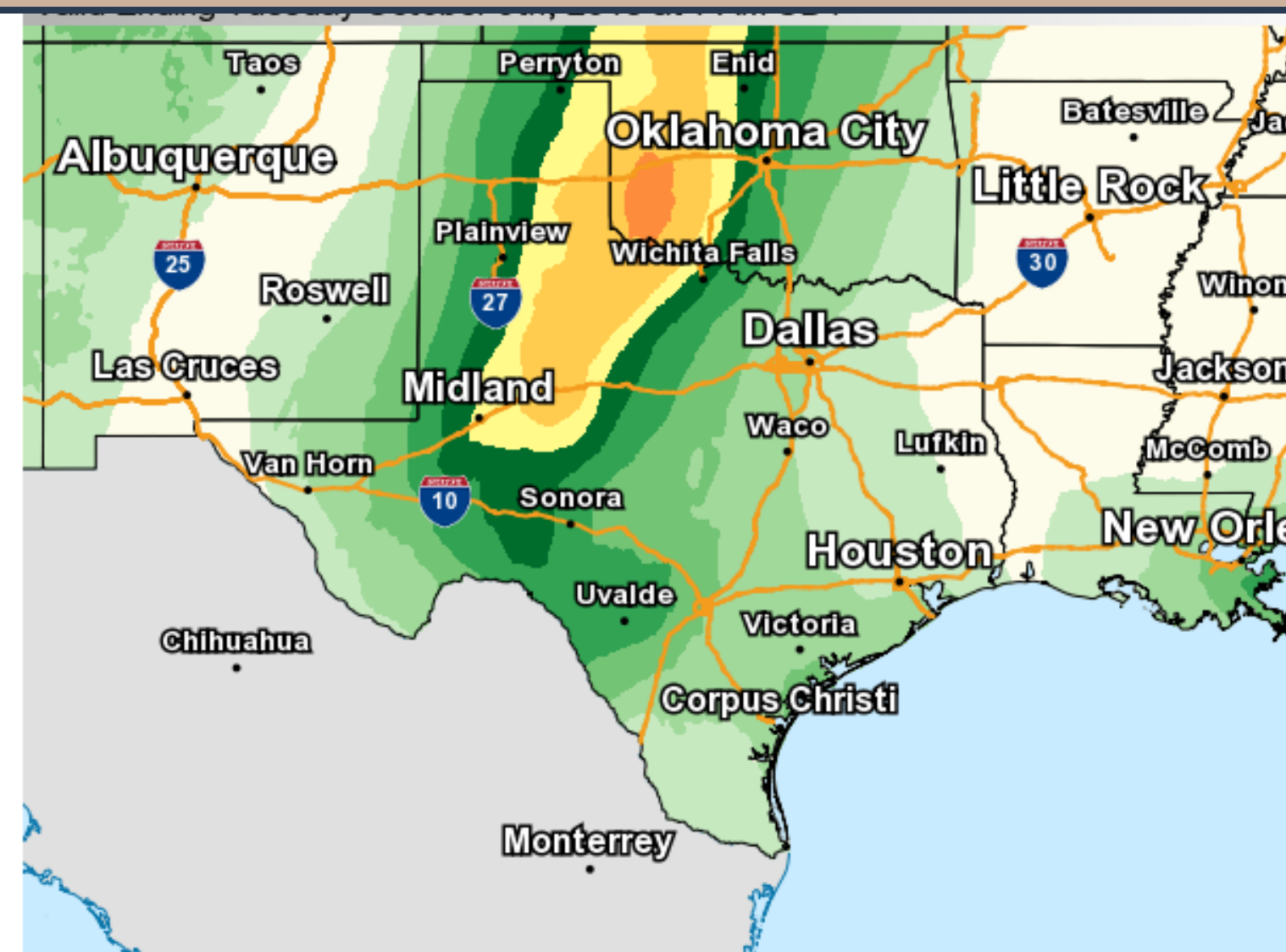
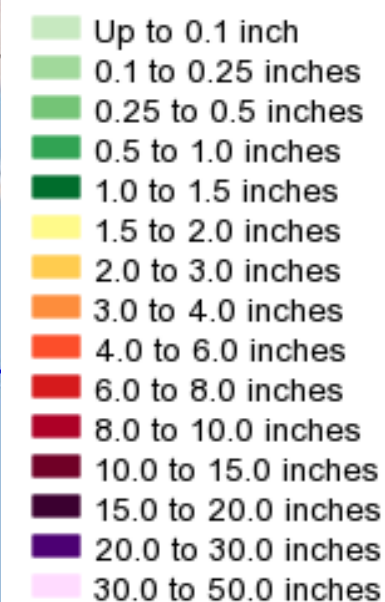


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Forecast Chart



Forecast Rainfall

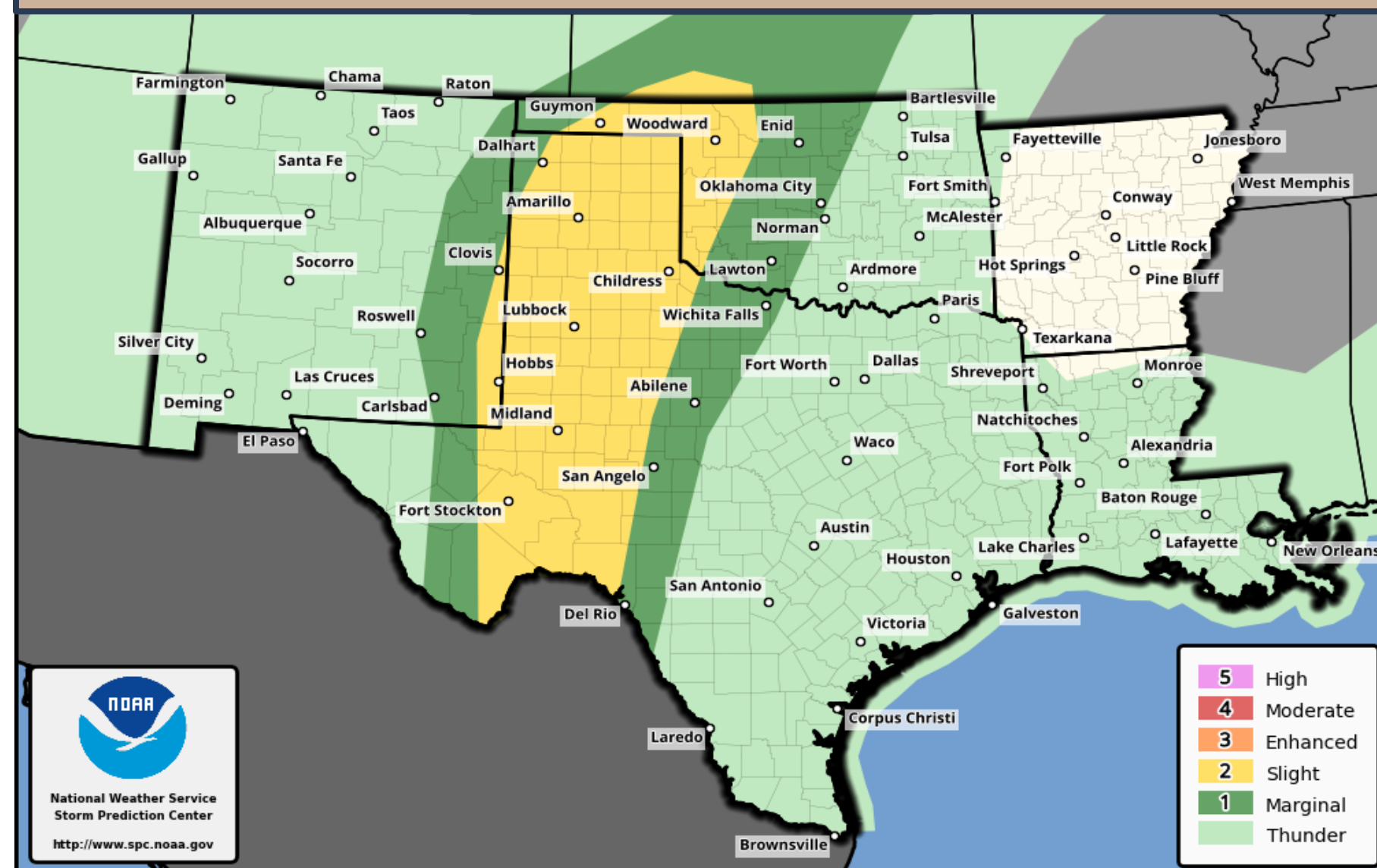


Graphic Created
October 7th, 2018
8:06 AM CDT

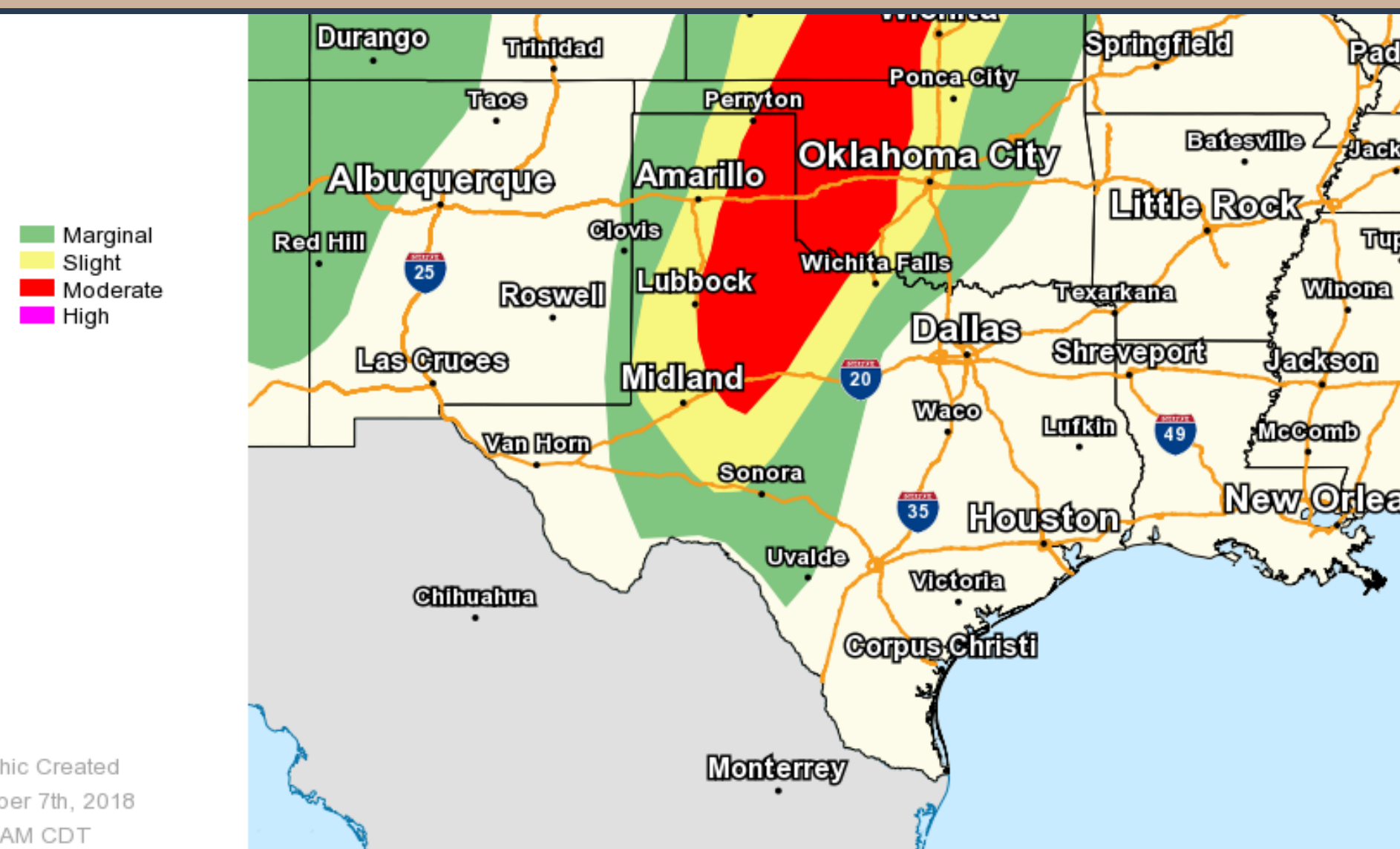
Moderate risk area of heavy rain/flash flooding possible for W OK and portions of NW TX.

Slight risk area for severe thunderstorms across NW OK into W TX/E NM.

Severe Weather Outlook

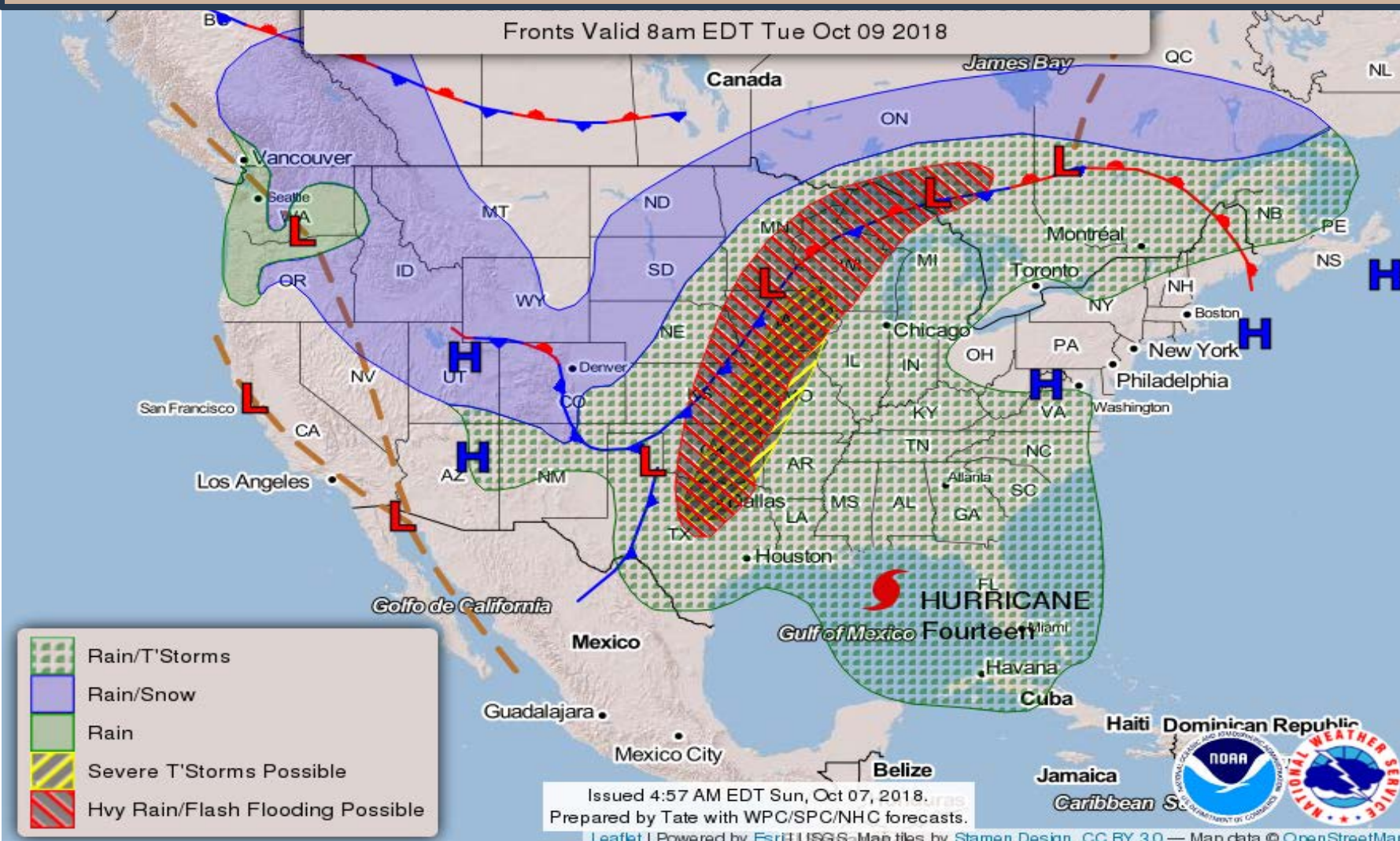


Excessive Rainfall Outlook

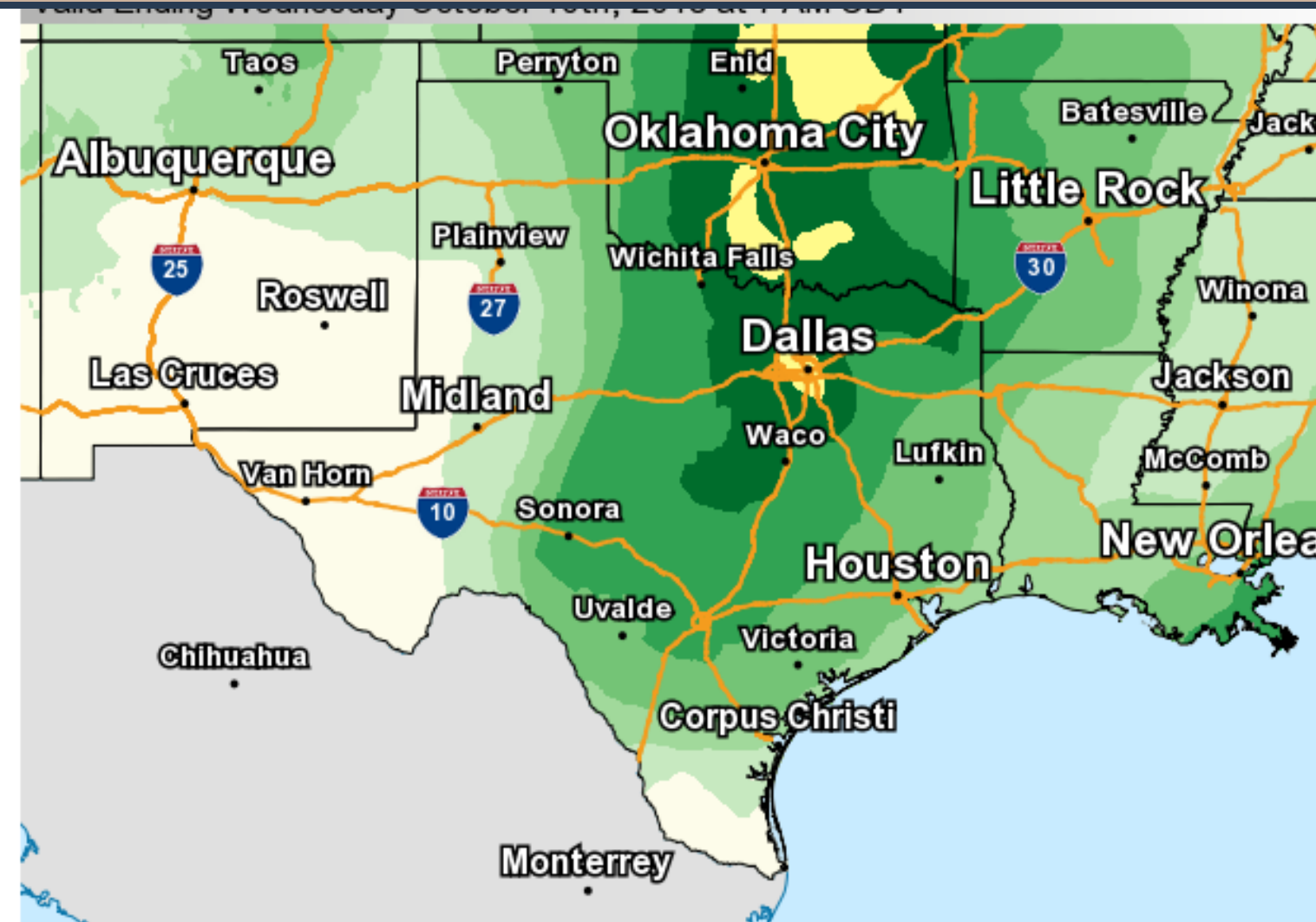
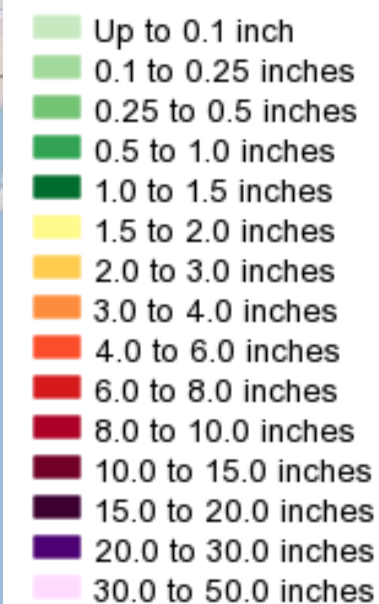


Tuesday's Weather

Forecast Chart



Forecast Rainfall

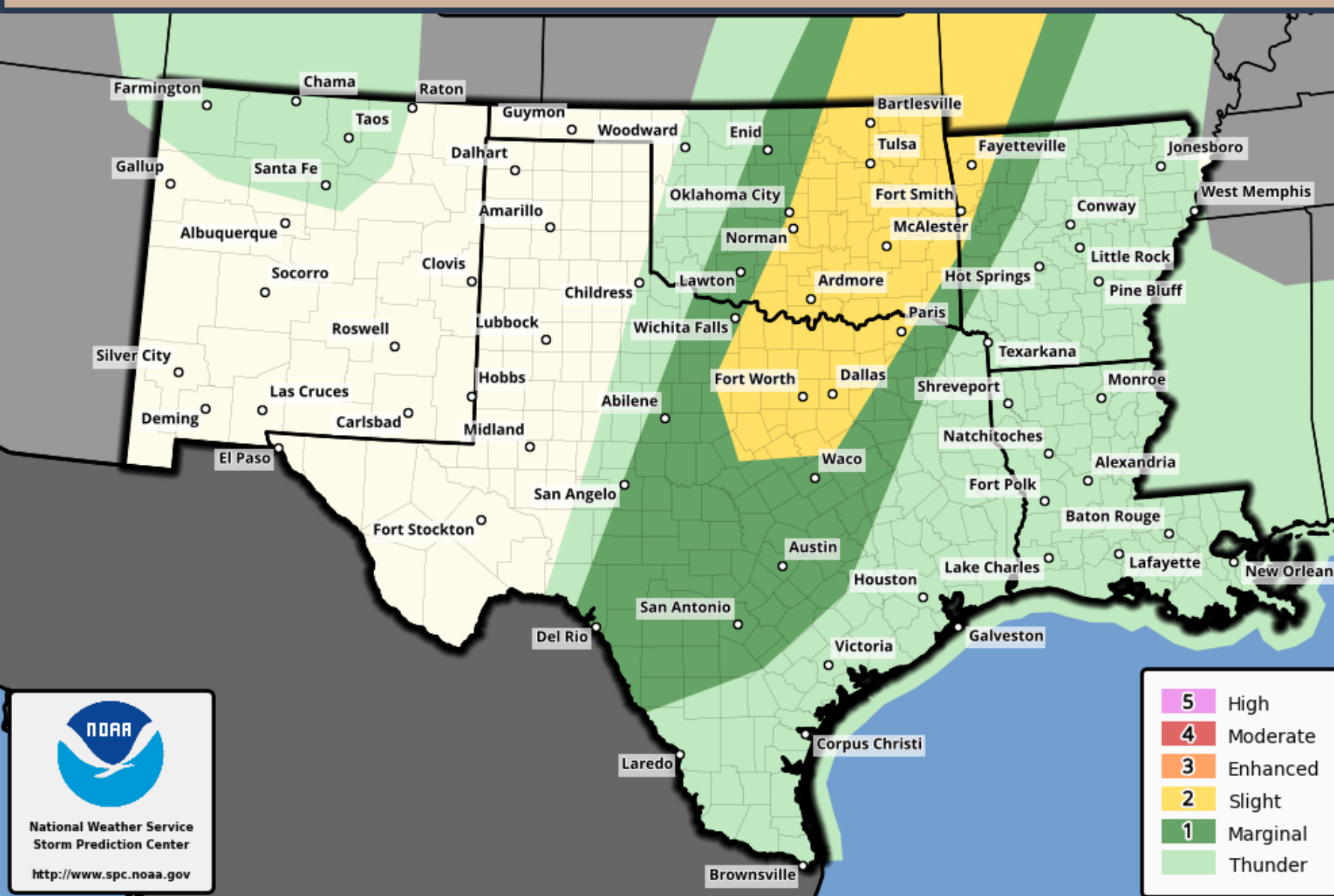


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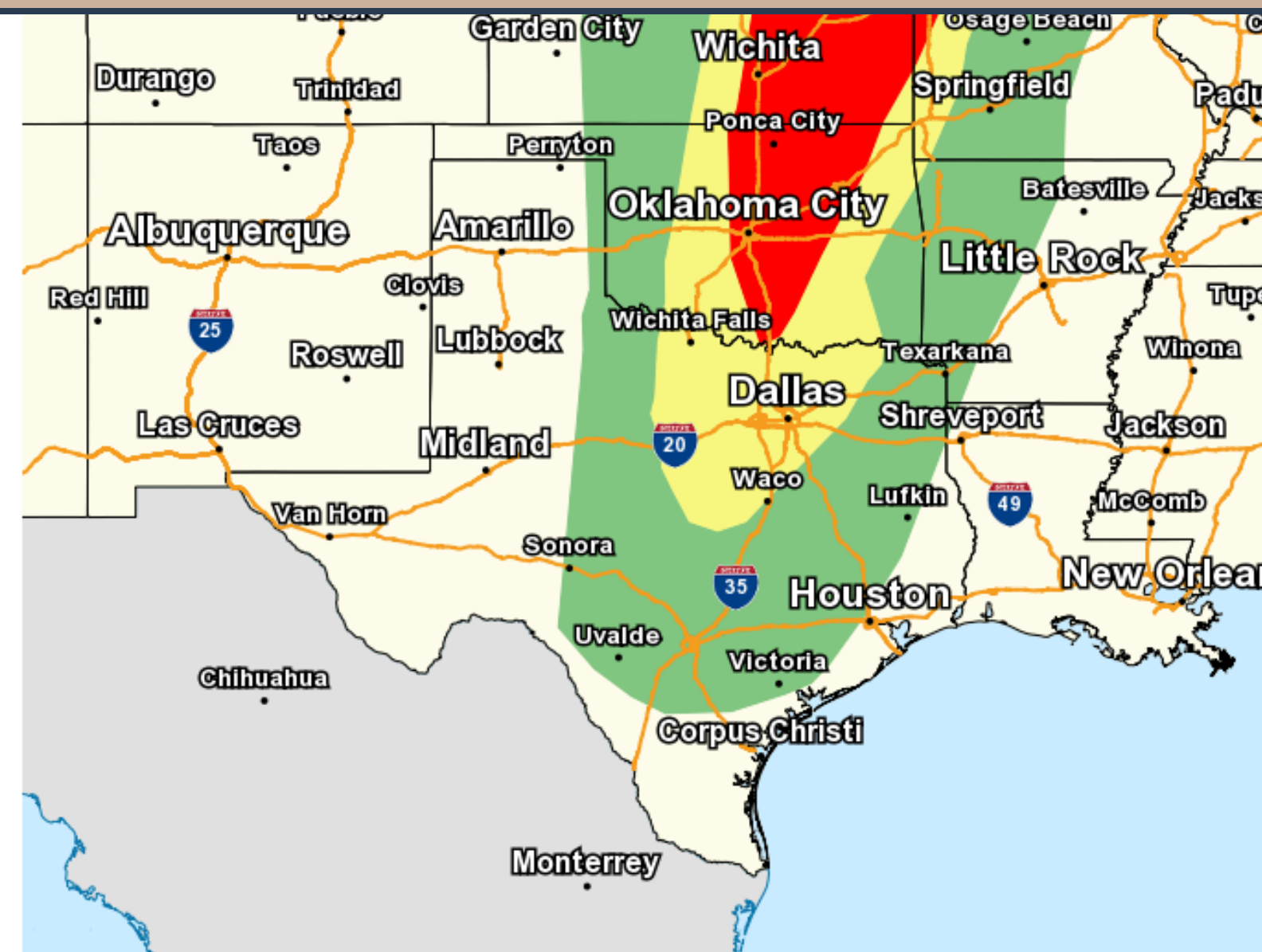
Areas of heavy rain/flash flooding possible for OK and portions of N TX.

Slight risk area for severe thunderstorms across NW AR/E OK into N TX.

Severe Weather Outlook



Excessive Rainfall Outlook

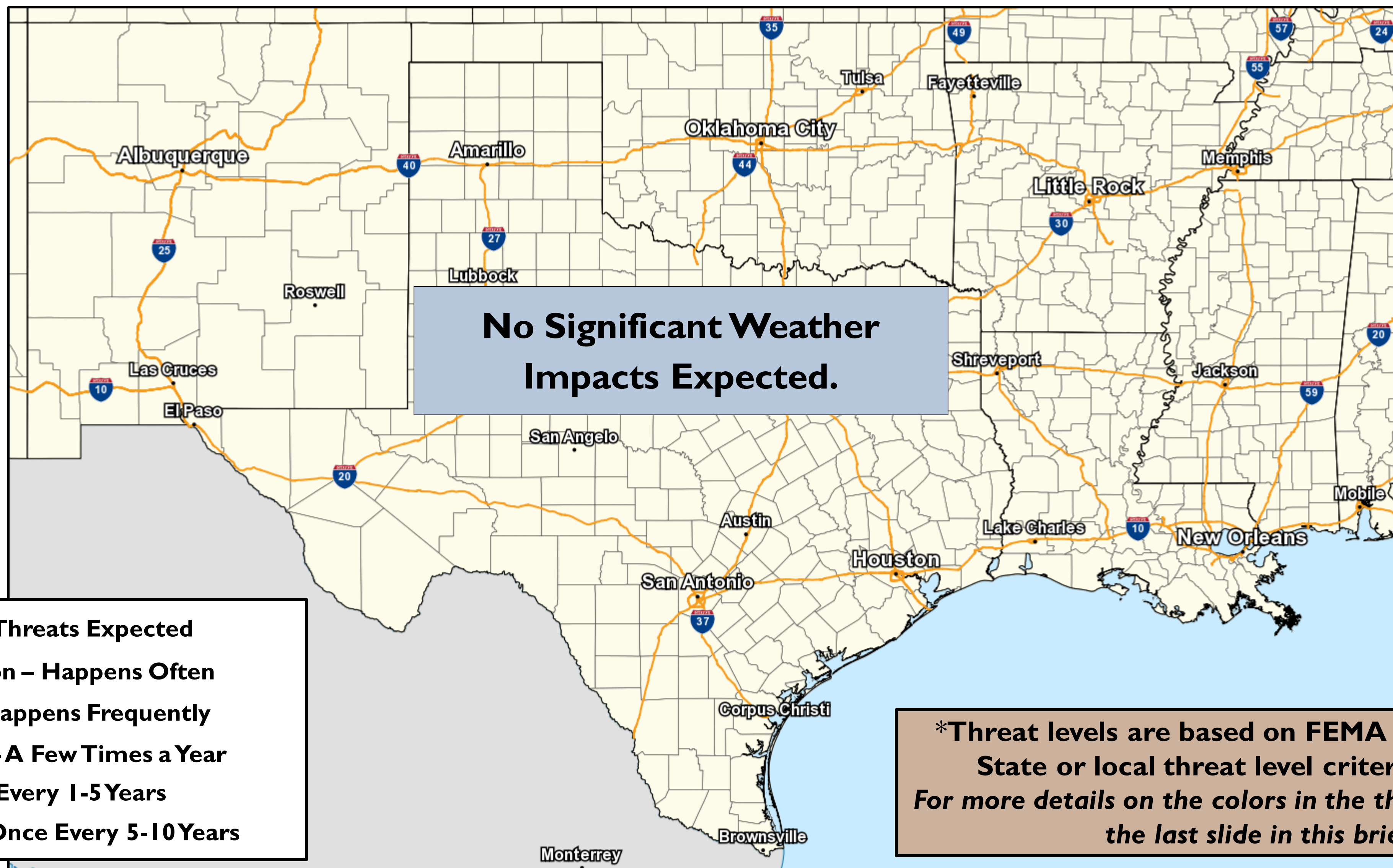


Days 4-5 Weather Hazards

Wednesday - Thursday



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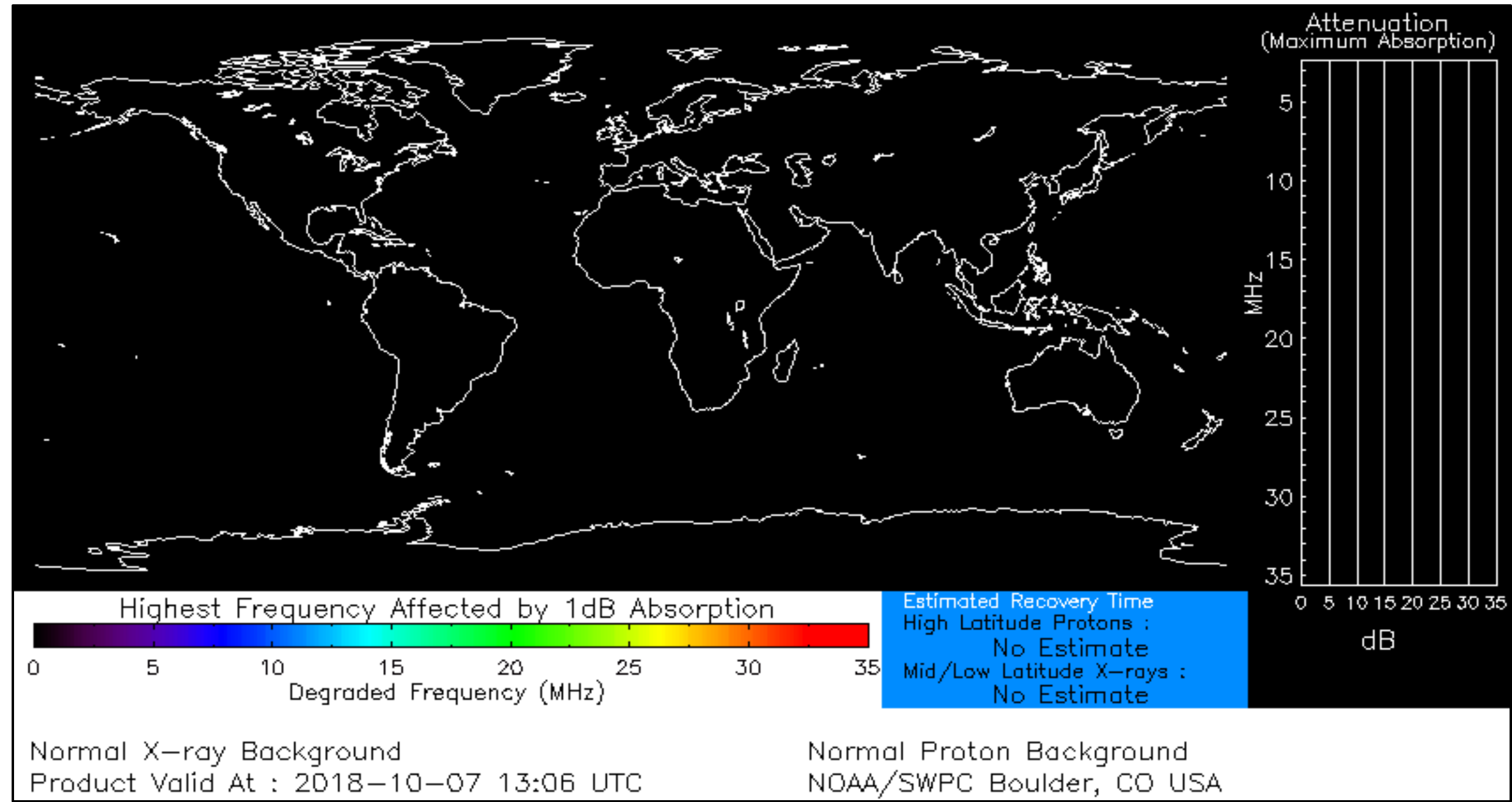


Space Weather 3-Day Forecast



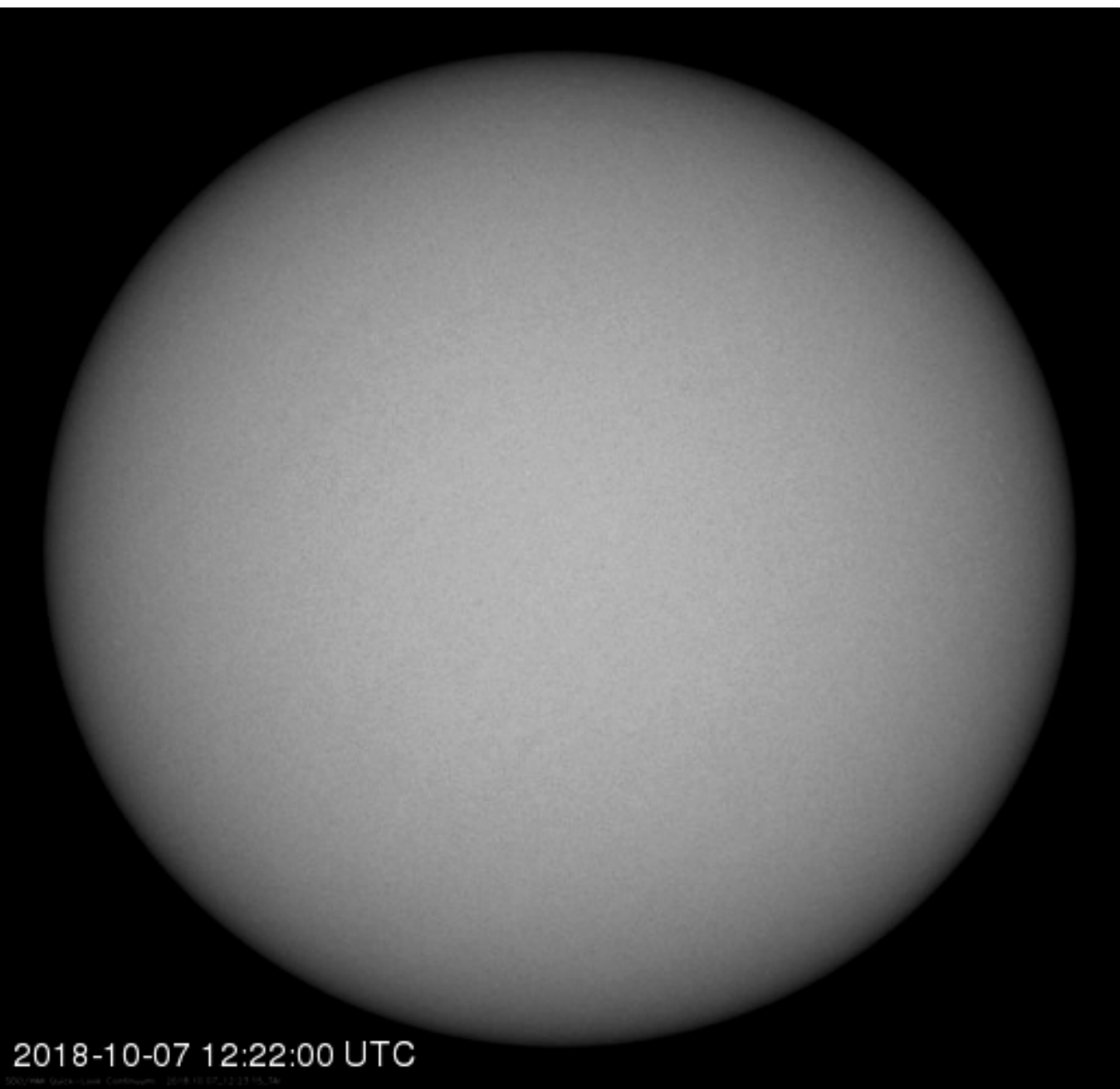
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Moderate (G2) Storm (Max Kp = 6)	Active to Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-10-07 12:22:00 UTC



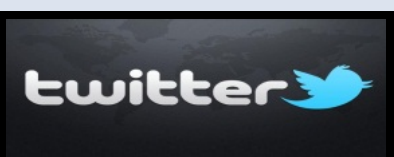
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov